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Concerning the Plan for Putting Electrified Rail
Lines in Operation, 4 pp.

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1960, pp 48, 49.

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4 pp.

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No 12, 1960, pp 74, 75.

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is a Major State Task, by A. I. Tishchenko, 14 pp.

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USSR Railroad Transport in 1960, 16 pp.

RUSSIAN, POP, International Transport, R. 3,
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NY-2100/71

Assessing the Operation and Development of
Industrial Lines in Tselinnyy Kray, Kazakh SSR.
5 pp.

RUSSIAN, per, Zashchodirozhnyy Transport.
No 3, 1961, pp 51, 52.

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Further Improvements in the Organization of
Passenger Traffic, 3 pp.

RUSSIAN, per, Zhelaznodorozhnyy Transport, No 3, 1961
p 53.

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RUSKIN, per, Zhalemodorozhnyy Transport,
1961, pp 57-63.

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Lines Written, by S. S. Vabakov, 15 pp.

RUSSIAN, pp. Zhurnalovozhnyy Transport, No. 1,
1961, pp 8-14.

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by N. N. Shchepkin, 10 pp.

RUSSIAN, per, Zheleznodorozhnyy Transport, No 4,
1961, pp 27-32.

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Development of Railroads in TERRITORY KRAY.
by I. P. Milyukin, 8 pp.

RUSSIAN, per, Zhelezнодорожный Transport,
No 5, 1961, pp 8-14

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The Draft Schedule and Plan for Moscow up
Timeline, 5 pp.

RUSSIAN, per, ~~Electronicrology~~ Transport,
No 5, 1961, pp 55, 56.

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New Successes of the Railroad in the People's
Republic of China, by Ch'en T'ian, 4 pp.

RUSSIAN, per, Zhelenodorozhnyy Transport, No 7,
1961, pp 90-93

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Improving the Utilization of Locomotives on various
Operating sections, by A. G. Muratov, 11 pp.

RUSSIAN, 1961, *Tramnochnoye Transporto* - 10
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The Outlook of Development of Radio Relay Lines of
Communications, by V. V. Dobrovol'skiy, 4 pp.

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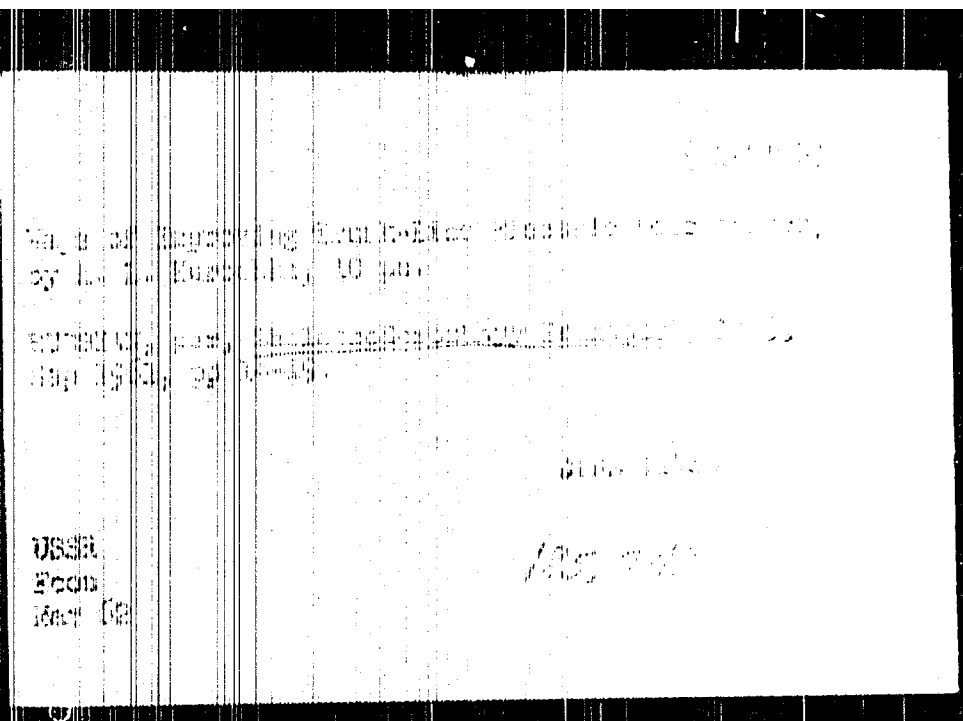
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UESIR

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(M = 100)

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(NY-5100)

The Steady Progress of Railroad Transport,
by P. P. Polyutin, 19 pp.

RUSSIAN, per, Zhelazhnodorozhnyy Transport, No 10,
Oct 1961, pp 3-11.

JPRS 12489

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(DC-6406)

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Automation and Telemechanics in Railroad Trans-
portation, by A. P. Petrov, and I. F. Pustovoytov,
14 pp.

RUSSIAN, per, Zhелеznodorozhnyy Transport,
No 10, 1961, pp 18-26.

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For an Integrated Transport System in
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RUSSIAN, per, Zhелеznodorozhnyy Transport,
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JPRS 13285

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RUSSIAN, per, Zhelaznodorozhnyy Transport,
No. 11, 1961, pp 16-20.

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IKBSHIN, per, Zheleznodorozhnyy Transport, No 11, 1961, pp 21-26.

JPRS 13085

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(NY-5100)

High Train Traffic Speeds and the Improve-
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A. D. Maretnikov, 10 pp.

RUSSIAN, per, Zhukovskiy Transport,
No. 11, 1961, pp 26-31.

JPRS 13285

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Forecasting the Volume of Rolling Stock
Traffic by Electronic Computers, by
L. P. Malupov, G. L. Livshin, 9 pp.

RUSSIAN, per, Zhелеznodorozhnyy Transport,
No 11, 1961, pp 51-54.

JPRS 13205

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(NY-5100)

Mechanization and Automation of the
Recording and Information on Train and
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12 pp.

RUEBLAN. par, Zhelenodorozhnyy Transport,
No. 11, 1961, pp 63-67.

JPRS 13285

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LOCOMOTIVE AND RAILWAY CAR MANAGEMENT ON
RUMANIAN RAILROADS, BY KONSTANTIN STOYAN, 7 PP.

RUSSIAN, FER, ZHELEZNOGORZHNYY TRANSPORT, NO 12,
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Tracks and Track Maintenance on the Romanian
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RUSSIAN, par. 2, ~~Zashchita~~ ~~prozheny~~ Transport, No 12,
1961, pp 22-24.

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FOR THE UNIFICATION OF PUBLIC AND INDUSTRIAL
RAILROAD TRANSPORT, BY YA. N. KRIVENKO,
3 pp.

RUSSIAN, PER, ZHELEZHODOROZHNIY TRANSPORT, NO 12,
1961, PP 43-45.

JPRS 13467

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THE RAILROADS BETWEEN 1960 AND 1980: THEIR TECHNICAL
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17 PP.

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JPRS 13867

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PRICE FORMATION ADN THE RATES OF RAILROAD
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RUSSIAN, PER, ZHELEZNODOROZHNIY TRANSPORT, NO 1,
1962, PP 11-17.

JPRS 13067

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(NY-5100)

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RUSSIAN, PER, ZHELEZNOGOROZHNYIY TRANSPORT, NO 1,
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1962, PP 32-37.

JPRS 13867

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A TECHNICAL AND ECONOMIC REVIEW OF THE USSR RAILROAD
TRANSPORT IN 1961, 12 PP.

RUSSIAN, PER, ZHELEZNODOROZHNIY TRANSPORT, NO 3,
1962, PP 43-46.

JPRS 14605

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(NY-1840)

FURTHER TASKS OF MECHANIZATION AND AUTOMATION
OF COMPUTATION OPERATIONS, BY G. I. KOLYADA,
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RUSSIAN, PEER, ZHELEZNODOROZHNYI TRANSPORT, NO 4,
1962, PP 12-15.

JPRS 14842

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63-16468

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HOW TO PREVENT THE FATIGUE BREAKDOWN OF
METALLIC BRIDGE ELEMENTS. [1963] [5]p.
Order from OTS or SLA \$1.10 63-16468

I. Evgrafov, G. K.
II. Osipov, V. O.
III. Kolokolov, V. N.

Trans. of Zhel'ezнодороzhnyi Transport (USSR) 1962
[v. 44, no. 4] p. 50-52.

DESCRIPTORS: "Bridges, "Fatigue (Mechanics).

(Engineering--(1)1), TT, v. 10, no. 6)

Office of Technical Services

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CENTERS. [1966] 7p.

Order from OUS or SLA \$1.20

63-14004

Trans. of Zhel'ezнодороzhnyi Transport (USSR)
1962 (v. 41, no. 4) 1; 04-06.

DESCRIPTORS: *Containers, Railroad cars, *Cargo,
Handling, Railroads, Logistics.

The following topics are analyzed: Distribution of
railroad freight container centers; improved utilization
of container capacity; and, control of the container
fleet.

(Machinery - Transport, TT, v. 10, no. 7)

63-14004

I. Povorozhenko, V. V.

Office of Technical Service

The Immediate Future Prospects of Soviet
Electric Locomotive Building, by Kh. Yu.
Bystrikovskiy, A. L. Kurochkin.

RUSSIAN, per, Zheleznodorozhnyy Transport,
Vol. XLIV, No 5, 1962, pp 27-32.

MLL N 3967

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TRACKS. [1963] 17 pp.

Order from O'S or SLA \$1.10

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I. Albrecht, V. A.
II. Perahin, S. P.
III. Shulga, V. A.

Trans. of Zhелеznodorozhnyi Transport (USSR) 1962
[v. 44, no. 5] p. 43-47.

DESCRIPTORS: *Railroad tracks, *Welding, Manu-
facturing methods, Railroads.

(Machinery--Transport, TT, v. 10, no. 6)

Office of Technical Services

63-14005

Tikhomirov, I. G., Nevzorov, A. V. and others.
AUTOMATION OF OPERATIONAL PROCEDURES IN
MARSHALLING YARDS. (1963) [8]p.
Order from OIS or SLA \$1.10 63-14005

I. Tikhomirov, I. G.
II. Nevzorov, A. V.

Trans. of Zhel'ezнодорожный Transport (USSR) 1962
[v. 46, no. 5] p. 50-54.

DESCRIPTORS: *Railroads, *Railroad cars, Auto-
mation, Computers, *Control systems, Handling,
Logistics, Operations research.

(Railroad Transport, IT, v. 40, no. 5)

Office of Technical Services

Urgent Tasks of Developing The Track Facilities
by A. F. Podpalyy, 12 pp.

RUSSIAN, par, Zheleznodorozhnyy Transport, No
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JPRS 16310

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V. I. Zagorov, 10 pp.

RUSSIAN, per, Zheleznodorozhnyy Transport,
No 6, 1962, pp 20-24.

JPRS 16142

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Nov 62

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Kartamyshev, A. I., Shukler, M. M., and Yakub, S. K.
INCREASED EFFICIENCY OF DIRECTING THE CAR
FLOW THROUGH THE ROUTES. [1952] 6p.
Order from OTS for SLA \$1.10 65-10546

Trans. of Zhelzнодороzhnyi Transport (USSR) 1952
[v. 14, no. 6] p. 57-61.

DESCRIPTIONS: *Railroads, Locomotives, *Railroad
cars, *Transportation, Economics, Scheduling.

(Machinery--Transport, TT, v. 9, no. 11)

(3-10546)

I. Kartamyshev, A. I.
II. Shukler, M. M.
III. Yakub, S. K.

Office of Technical Services

63-10644

I. Semichastnov, I. F.

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DEVELOPMENT OF HYDRAULIC TRANSMISSIONS
FOR DIESEL LOCOMOTIVES. [1962] 6p. 1 ref.
Order from OTS or SLA \$1.10 63-10644

Trans. of Zhелеznodorozhnyi Transport (USSR) 1962
[v. 44, no. 6] p. 47-50.

DESCRIPTORS: *Hydraulic systems, *Transmission,
*Diesel engines, *Locomotives, Railroad cars, Rail-
roads, Hydrodynamics, Operation, Design, Economics.

(Machinery--Transport, TT, v. 9, no. 11)

Office of Technical Services

63-10645

Gridyushko, V. I.
IMPROVING THE RUNNING MAINTENANCE OF
FREIGHT CARS. [1962] 7p.

Order from OTS on SLA \$1.10

63-10645

Trans. of Phelepodorozhnyi Transport (USSR) 1962
[v. 44, no. 6] p. 51-56.

DESCRIPTORS: Railroad cars, Maintenance, Manage-
ment engineering, Railroads.

(Machinery--Transport, TT, v. 9, no. 11)

Office of Technical Services

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Ratnikov, V. D.
AUTOMATED CAR SORTING ON A HUMP-YARD.
[1962] 8p.

I. Ratnikov, V. D.

Order from OTS or SLA \$1.10 63-10647

Trans. of Zhелеznodorozhny Transport (USSR) 1962
[v. 44, no. 6] p. 67-72.

DESCRIPTORS: *Automation, *Railroad cars, Railroads,
Electronic equipment, *Brakes, *Remote control sys-
tems, Electric switches.

(Machinery--Transport, TT, v. 9, no. 11)

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Kozmin, Yu. G. and Nevzorov, I. N.
IMPACT EFFECT OF TRAINS ON METALLIC
BRIDGES. [1967] 7p.

Order from OTS or SLA \$1.10

63-10643

Trans. of Zhелеznodorozhnyi Transport (USSR) 1962
[v. 44, no. 6] p. 60-63.

DESCRIPTORS: *Impact Shock, *Locomotives,
*Bridges, Structures, Dynamics, Tensionmeters, De-
formation, Load Distribution, Beams (Structural),
Railroad tracks.

63-10643

I. Kozmin, Yu. G.
I. Nevzorov, I. N.

(Engineering - Civil, TT, v. 9, no. 10)

Office of Technical Services

63-10637

Dobrosielskii, K. M.
PROSPECTS OF IMPROVED TECHNIQUE AND TECHNOLOGY IN A HUMP YARD. [1962] 5p.
Order from OTS or SLA \$1.10 63-10637

I. Dobrosielskii, K. M.

Trans. of Zhel'ezнодороzhnyi Transport (USSR) 1962
[v. 44, no. 7] p. 32-34.

DESCRIPTORS: *Remote control systems, Economics,
Television communication systems, *Railroads, Electronic equipment, Electric switches.

(Machinery--Transport, TT, v. 9, no. 11)

Office of Technical Services

63-10648

ORIGIN: N. G.
TECHNICAL INNOVATIONS IN PRODUCTION OF
WELDED RAILS, [1942] 5p. 3 figs. printed.
Order from OTS for 51.1A \$1.10 63-10648

R. O. F. G. N. G.

Trans. (Mechanical) Transport (USSR) 1942
b. 4, 6, 7, 8, 9, 10, 11, 12.

DISCLOSURE: Production, *Railroad tracks,
*Welding, *Automation, Conveyors, Grinders, Cutting
tools.

(Machinery) Transport, FL. v. 9, no. 12)

Office of Technical Services

63-10649

Demidov, V. P.
GAS TURBINE LOCOMOTIVES. [1962] 9p.
Order from OTS or SLA \$1.10 63-10649

1. Demidov, V. P.

Trans. of Zhel'ezнодороzhny Transport (USSR) 1962
[v. 44, no. 7] p. 90-94.

DESCRIPTORS: *Gas turbines, *Locomotives, Rail-
road cars, Railroads, Operation, Economics.

(Machinery--Transport, TT, v. 9, no. 11)

Office of Technical Services

Advantages of the Mergar of Public With
Industrial Transport, by A. Ya. Semodurov,
9 pp.

RUSSEAN, per, Zhelennodorozhnyy Transport,
No 8, 1962, pp 24-27.

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63-10761

Potapov, V. P., Matalasov, S. F., and Malakhov,
K. N.

NEW OPERATIONAL DEMANDS ON DESIGN OF
FREIGHT CARS. [1962] 6p.

Order from OTS or SLA \$1.10

63-10761

Trans. of Zhелеznodorozhnyi Transport (USSR) 1962
[v. 44, no. 8] p. 18-32.

DESCRIPTORS: Railroad cars. Design, Maintenance,
Handling. Cargo, Railroads.

(Machinery--Transport, TT, v. 10, no. 1)

Office of Technical Services

I. Potapov, V. P.
II. Matalasov, S. F.
III. Malakhov, K. N.

Important Problems of Preparing the Grain Mass
Transportation, by N. V. Marin, et al.

RUSSIAN, Izv. Zheleznodorozhnyy Transport,
Vol. XLIV, 1962, pp 33-37.

NRC/Ref. C-4224

Sci-Engr

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Certain Economic Problems of Utilizing New
Types of Traction, by A. P. Abramov, G. V.
Kotov, 13 pp.

RUSSIAN, per, Zhелеznodorozhnyy Transport, No 8,
1962, pp 37-41.

JIRB 16310

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IMPROVED OPERATIONS ON STEAMING-AND WASH-
ING STATIONS, [1962] [9]p.
Order from OTS or SLA \$1.10

63-10762

L. Myasnikov, Z. M.

63-10762

Trans. of Zhel'ezнодороzhnyi Transport (USSR) 1962
[v. 44, no. 3] p. 44-49.

DESCRIPTORS: *Railroad cars, Tanks (Containers),
Steam-cleaning, Cleaning, Oils, Chemicals, Railroads

(Military Transport, TT, v. 1, no. 1)

Justification of the Operative Planning of Train
and Freight Operations, by M. D. Kryukov, V. H.
Gurdobin, 11 pp.

RUSSIAN, per, Zheleznodorozhnyy Transport,
No. 8, 1962, pp 49-52.

JPRS 16310

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Kazemilov, A. D., Ashukin, D. D. and others.
HOW TO ORGANIZE LOCAL OPERATION ON RAIL-
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Order from OTS or SLA \$1.10

63-10765

Trans. of Zheleznodorozhnyi Transport (USSR) 1962
V. 44, no. 8] p. 55-59.

DESCRIPTORS: Railroads, Management engineering,
Operation, Maintenance.

(Machinery & Equipment, TT, v. 10, no. 1)

63-10765

I. Karetnikov, A. D.

II. Ashukin, D. D.

Office of Technical Services

Vetukhov, E. A. and Kostenko, I. G.
VARIOUS METHODS OF DIRECT RELOADING IN
FREIGHT YARDS. (1962) Sp.
Order from GTS or SLA \$1.10

63-10635

Trans. of Zhелеznodorozhnyy Transport (USSR) 1962
[v. 44, no. 8] p. 60-62.

DESCRIPTORS: Handling, *Cargo, *Railroad cars,
Tractors, Trailers, Cargo vehicles, Warehouses,
Storage, Railroads, Operation, Economics.

(Machinery--Transport, TT, v. 9, no. 11)

63-10635

I. Vetukhov, E. A.
II. Kostenko, I. G.

Office of Technical Services

Special Containers for Freight Transportation, by
N. V. Shtefko, Yu. T. Kozlov:

RUSSIAN, per, Zheleznodorozhnyy Transport,
Vol XLIV, 1962, pp 66-69.

NRC/Ref. C-4239

Sci-Hg/Bgr

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341, 974

Improved Methods of Loading Vehicles, Machines
and Parts on Flatcars, by A. G. Kalishchuk,
A. S. Ivstovikh.

RUSSIAN, per, Zhелеznodorozhnyy Transport,
Vol XXXX XLIV, 1962, pp 76-78.

NRC/Ref. C-4217

Sci-Engr

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Khudokormov, V. I.
SPECIALIZATION IN OVERHAUL OF ALL-METAL
PASSENGER CARS. [1962] 6p.
Order from OTS or SLA \$1.10

63-10763

Trans. of Zheleznodorozhnyi Transport (USSR) 1962
[v. 44, no. 5] p. 73-78.

DESCRIPTION: *Railroad cars, Passenger vehicles,
Metals, *Maintenance, Maintenance equipment.

(Machinery--Transport, TT, v. 9, no. 12)

63-10763

I. Khudokormov, V. I.

Office of Technical Services

Zvukov, H. M.
RAILROAD TRACKS IN METALLURGICAL MILLS
AND MACHINE-BUILDING WORKS IN
CZECHOSLOVAKIA. [1962] 6p.
Order from OTS or SLA \$1.10

63-10764

Trans. of Zhelernodorozhnyi Transport (USSR) 1962
[v. 44, no. 8] p. 118-91.

DESCRIPTORS: Railroad tracks, Industrial plants,
Foundations (Structures), Design, Welding, Wood,
Metals, Concrete, Slags.

(Machinery--Transport, TT, v. 9, no. 12)

63-10764

H. Zvukov, H. M.

Office of Technical Services

63-10760

Nagy, J.
ANALYSIS OF STABILITY ON STRAIGHT SECTIONS
OF WELDED TRACKS. [1962] (8p.
Order from OTS or SLA \$1.10

I. Nagy, J.

63-10760

Trans. of Zhелеznodorozhnyi Transport (USSR) 1962
[v. 44, no. 9] p. 40-44.

DESCRIPTORS: *Railroad tracks, *Welding, Stability,
Analysis.

(Machinery--Transport, TT, v. 9, no. 12)

Office of Technical Services

63-10758

Kutassy, Lajos.
PRESTRESSED CONCRETE SLEEPERS. [1962] 5p.
Order from OTS or SLA \$1.10 63-10758

1. Title: Prestressed concrete
1. Kutassy, L.

Trans. of Zhelozнодорожный Transport (USSR) 1962
[v. 44, no. 9] p. 44-47.

DESCRIPTORS: *Concrete, *Foundations (Structures),
*Railroad tracks, *Reinforced concrete, Design,
Railroads.

Office of Technical Services

(Machinery)--Transport, TT, v. 10, no. 4)

63-10759

I. Bagirov, A. M.

Bagirov, A. M.
NEW ORGANIZATIONAL METHODS OF FREIGHT
HANDLING ON AZERBAIDZHAN LINE. [1962] 5p.
Order from OTS at SLA \$1.10 63-10759

Trans. of Zhелеznodorozhnyi Transport (USSR) 1962
[v. 44, no. 9] p. 39-43

DESCRIPTORS: *Railroads, Handling, Railroad cars,
Management engineering, *Cargo.

(Machinery Transport, TT, v. 10, no. 5)

Office of Technical Services

Fullroad Transport of the USSR in the First
Half of 1962, 12 pp.

RUSSIAN, per, Zhelezнодорожный Transport,
No 9, 1962, pp 73-76.

JPRS 16310

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Application for passport issued for citizens of the
USSR, by A. M. Myrskov, V. N. Korotkov, etc.

ELSHAN, pot, Zhukovskiy Transport, No 2,
1967, pt 87-88.

NRC/Ref: C-4343
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245, 045

UTILIZE ROLLING STOCK MORE EFFICIENTLY,
11 PP

RUSSIAN, PER, ZHELEZNODOROZHNYI TRANSPORT, NO 10,
1962, PP 3-7.

JPRS 17067

USSR
ECON
JAN 63

215,173

Borisov, D. P.
AUTOMATION AND TELEMCHANICS FOR LINES
WITH HIGH-SPEED TRAFFIC. [1963] [7]p.
Order from OTS or SLA \$1.10 63-14727

63-14727

1. Borisov, D. P.

Trans. of Zheleznodorozhnyi Transport (USSR) 1962
[v. 44, no. 10] p. 44-47.

DESCRIPTORS: *Railroads, Automatic, *Control
systems, *Speed regulators, *Signal lights, *Traffic,
Transportation.

An examination of how the installations for signalling,
centralization and blocking can be developed and
amplified for railroad lines with high-speed traffic.

(Machinery--Transport, TT, v. 10, no. 4)

Office of Technical Services

Nikulina, P. A., Paderno, I. P., and Terent'ev, S. A.
COMPLEX RADIO AND WIRE COMMUNICATIONS
IN MARSHALLING YARDS. [1963] [5]p.
Order from OTS or SLA \$1.10

63-16470

Trans. of Zhel'ezнодороzhnyi Transport (USSR) 1962
[v. 44, no. 10] p. 48-50.

DESCRIPTORS: Railroads, Communication systems.

63-16470

I. Nikulina, P. A.
II. Paderno, I. P.
III. Terent'ev, S. A.

Office of Technical Services

(Machinery--Transport, TT, v. 10, no. 7)

THE COORDINATION OF TRANSPORT OPERATIONS # AN
IMPORTANT STATE PROBLEM, BY B. P. BESHCHEV, 14 PP.

RUSSIAN, PER, ZHELEZNODOROZHNIY TRANSPORT, NO 11,
1962, PP 3-9.

JPRS 18032

USSR
ECOV
MAR 63

224,586

COORDINATION - THE BASIS OF THE WORK OF SEAMEN
AND RAILROAD WORKERS, BY V. G. BAKAYEV, 8 PP.

RUSSIAN, PER, ZHELEZNODOROZHNIY TRANSPORT, NO 11,
1962, PP 10-13.

JPRS 18032

USSR
ECON
MAR 63

224,587

THE COOPERATION OF RAILROAD AND RIVER TRANSPORT,
BY S. A. KUCHKIN, 12 PP.

RUSSIAN, PER, ZHELEZNODOROZHNIY TRANSPORT,
NO 11, 1962, PP 14-19.

JPRS 18032

USSR
ECON
MAR 63

224,588

POSSIBILITIES FOR THE EFFECTIVE USE OF RAILROAD
AND MOTOR VEHICLE TRANSPORT, BY F. V. KALABUKHOV,
10 PP.

RUSSIAN, PER, ZHELEZNODOROZHNIY TRANSPORT, NO 11,
1962, PP 20-24.

JPRS 18032

USSR
ECON
MAR 63

224,589

THE DISTRIBUTION OF SHIPMENTS AMONG DIFFERENT
TYPES OF TRANSPORT, BY V. I. DMITRIYEV,
V. I. PETROV, 12 PP.

RUSSIAN, PER, ZHELEZHODOROZHNIY TRANSPORT, NO 11,
1962, PP 24-29.

JPRS 18032

USSR
ECON
MAR 63

224,590

THE UNIFIED TRANSPORT NETWORK OF THE UKRAINE,
BY M. M. YASHNIK, 9 PP.

RUSSIAN, PER, ZHELEZNODOROZHNIY TRANSPORT, NO 11,
1962, PP 30-33.

JPRS 18032

USSR
ECON
MAR 63

224,591

COMPLEX USE OF TRANSPORT IN THE GOR'KOVSKIY
ECONOMIC REGION, BY B. I. ZIKHEYEV, 7 PP.

RUSSIAN, PER, ZHELEZNO-DOROZHNIY TRANSPORT, NO 11,
1962, PP 31-36.

JPRS 18032

USSR
ECON
MAR 63

224,592

POSSIBILITIES OF REDUCING TRANSPORT EXPENSES,
BY T. Z. MOSHKAREV, 6 PP.

RUSSIAN, PER, ZHELEZNODOROZHNIY TRANSPORT, NO 11,
1962, PP 37-39.

JPRS 18032

USSR
ECON
MAR 63

224,593

THE TRANSFER OF SHORT-RUN SHIPMENTS TO MOTOR-
VEHICLE TRANSPORT, BY M. A. SMORODINOV, KH. M.
LAZAREV, 6 PP.

RUSSIAN, RER, ZHELEZNO-DOROZHNY TRANSPORT, NO 11,
1962, PP 37-49.

JPRS 18032

USSR
ECON
MAR 63

OTS 63-14726
(NRC/Ref: C-4373)

224,594

Goldstein, M. N.
EQUIPPING AND MAINTAINING THE RAILROAD BED.
[1963] 7 p.
Order from OTS or SLA \$1.10

63-14003

63-14003

I. Goldstein, M. N.

Trans. of Zheleznodorozhnyi Transport (USSR) 1962
[v. 44, no. 11] p. 38-61.

DESCRIPTORS: *Railroad tracks, Foundations
(Structural), *Civil engineering, Soil mechanics,
Trafficability.

The contemporary designing method based on the so-called "allowable" pressure, does not allow to correctly estimate and utilize the actual mechanical properties of the basic surface. The magnitudes of the flexible deformation static and dynamic modulus, respectively, differ from each other by several hundred percent. Corresponding corrections should be

Office of Technical Services

Sendrov, G. K.
HOW TO AVOID CAR DAMAGE ON CAR-TIPPER.
[1968] 8p.
Order from CTS or SLA \$1.10 63-14724

Trans. of Zhukovskiy Transport (USSR) 1962,
[v. 4, no. 17] p. 66-68.

DESCRIPTORS: Railroad cars, *Damage, Handling.

(Machinery--Transport, TT, v. 10, no. 5)

63-14724

I. Sendrov, G. K.

Office of Technical Services

SHIPMENT OF MORE FREIGHT NEEDED FOR EACH RUBLE OF
BASIC FUNDS, BY V. YE. BIRYUKOV. 15 PP.

RUSSIAN, PER, ZHELEZNODOROZHNIY TRANSPORT, NO 12,
1962, PP 20-25.

JPRS 18599

USSR
ECON
APR 63

226,43

63-14723

ANDRIANOV, A. S.
HOW THE KUDYNSHEV RAILROAD ORGANIZED ITS
FIGHT AGAINST SNOW. [1963] [6]p.
Order from OTS or SLA \$1.10 63-14723

I. Andrianov, A. S.

JPAS 18599

Trans. of Zhelznodorozhnyi Transport (USSR) 1962
[v. 44, no. 12]: 51-53.

DESCRIPTORS: Railroads, *Snow, *Railroad tracks,
Forestry, Shelving, Traffic, Maintenance equipment,
*Snow removal.

(Machinery--Transport, TT, v. 10, no. 5)

Office of Technical Services

THE ROLE OF PROFITS IN STRENGTHENING THE
SELF-SUPPORT OF RAILROAD DIVISIONS, BY YE. V.
LARIKOVA, 9 PP.

RUSSIAN, FER, ZHELEZNODOROZHNIY TRANSPORT,
NO 2, 1962, PP 51-58.

JPRS 18599

USSR
ECON
APR 63

226,945

TT-63-20663

I. Khandrov, G. M.

Khandrov, G. M.
IMPORTANT PROBLEMS CONCERNING IMPROVED
FREIGHT CAR DESIGN. [1963] [5p]
Order from OTS, SLAL or ETC \$1.10 TT-63-20663

Trans. of Zhel'ezn'oputnyi Transport (USSR) 1962
[v. 44, no. 12] p. 60-62.

DESCRIPTORS: Railroad cars, Design.

(Machinery - Transport, TT, v. 11, no. 4)

Office of Technical Services

63-18082

Shimizu, Ferdinand.

CONTINUOUS WELDED RAILS ON PRESTRESSED

SLABS. [143] p.

Order from: CTS to SIA \$1.10

63-18082

Trans. of Zhelaznyy Dorozhnyi Transport (USSR) 1962
[v. 44, no. 12] p. 3-38.

DESCRIPTORS: Railroad tracks; Welds; Foundations (Structure); Reinforced concrete; Stresses; Structures; Mathematics; Railway; Rhenonites; Railroads.

(Manufacture of Transport, TT, v. 40, pp. 40)

Office of Technical Services

ADVANCING TECHNICAL PROGRESS ON THE RAILROADS,
BY N. A. GUNDOBIN, 13 PP.

RUSSIAN, RER, ZHELEZNODOROZHNIY TRANSPORT, NO 1,
1963, PP 3-9.

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UPRS 19005

USSR
ECON
MAY 63

230,049

63-18078

I. Kochnev, P. P.

Kochnev, P. P.
HIDDEN POSSIBILITIES IN THE TRAFFIC DIAGRAM
OF COMMUTER TRAINS. [1963] (7)p.

Order from OTS or SLA \$1.10

63-18078

Trans. of Zhелеznodorozhnyi Transport (USSR) 1963
[v. 45, no. 1] p. 33-41.

DESCRIPTORS: *Railroads, *Traffic, Transportation,
Locomotives, Passenger vehicles, Economics, Costs.

(Machinery--Transport, T.T. v. 10, no. 11)

Office of Technical Services

GROWTH PROSPECTS OF THE BELORUSSIAN RAILROAD,
BY N. I. WESTERENKO, 6 PP.

RUSSIAN, PER, ZHELEZNOODOROZHNIY TRANSPORT,
NO 1, 1968, PP 49-51.

JPRS 19005

USSR
ECON
MAY 68

230,050

Fakhruddinov, V. Z.
 TARGET BRAKING OF MARSHALLING CARS 1963
 [4]p.
 Dzhirgatal'skiy, S. V. and Fakhruddinov, V. Z. 1963

Trans. of Zhелеznodorozhnyi Transport (USSR) 1963
 [v. 5, no. 7] p. 60-61.

DESCRIPTORS: • Railroad cars, Deceleration, Railroad
 (n 14) Railroads.

The article describes a method of braking cars of rail-
 road cars at a braking station 150 meters from the ex-
 treme section (post) on the side of the hump-crest. The
 method increases the efficiency of the marshalling
 yard, distributes speed cars in winter time, reduces car
 damage, increases safety, makes new formations of
 reduced rates, and does not require additional life at
 the end of each on the rail track.

(Muhimbi Transport) 1963

Shakhmatov, G. A.
AUTOMATIC TRAIN STOPS FOR HIGH-SPEED
TRAFFIC. [1963] 22 p.

Order from GTS of SIA \$1.10

63-18062

Trans. of Zhелеznodorozhnyi Transport (USSR) 1963
[v. 45, no. 1] p. 70-73.

DESCRIPTORS: *Signals, Automatic, Control systems.
*Railroads, *Locomotives, Traffic, Electrical
equipment.

(Machinery -- Transport, TT, v. 10, no. 9)

63-18062

G. A. Shakhmatov

Office of Technical Services

NEW REQUIREMENTS FOR PLANNING SHIPMENTS, BY
V. A. MERKULOV, S. A. ZEMLYATIKIN, 14 PP.

RUSSIAN, PER, ZHELEZNODOROZHNIY TRANSPORT, NO 2,
1963, PP 14-20

JPRS 19501

USSR
ECON
JUN 63

2X 28X 51 52X
231,752

OUTLOOK FOR THE DEVELOPMENT OF GAS TURBINE
TRACTION, BY YE. T. BARTOSH, N. V. KOLODYAZHNYI,
12 PP

RUSSIAN, PER, ZHELEZNOGOROZHNYI TRANSPORT, NO 2,
1963, PP 23-28.

JPRS 19501

USSR
ECON
JUN 63

231,753

TT-63-20665

I. Bernhard, K. A.

Bernhard, K. A.
NOW TO SPECIALIZE THE TANK-CAR FLEET.
[1963] (11p)
Order from OTS, SLA, or ETC \$1.60 TT-63-20665

Trans. of ~~Zheleznodorozhnyi~~ Transport (USSR) 1963
[v. 45, no. 2] p. 44-49.

DESCRIPTORS: *Railroad cars, Tanks (Containers),
Traffic, Cleaning, Oils, Liquids, *Transports,

(Machinery--Transport, TT, v. 11, no. 4)

Office of Technical Services

RAILROAD DIVISIONS -- THE BASIC PRODUCTION
ASSOCIATIONS IN TRANSPORT, 13 PP.

RUSSIAN, PER, ZHELEZNODOROZHNIY TRANSPORT, NO 2,
1963, PP 55-60.

JPRS 19501

USSR
ECON
JUN 63

231,754

63-18077

Volotski, D. V.
SILICON-ORGANIC COMPOUNDS FOR FIGHT AGAINST
SUBGRADE HEAVING. [1963] 15p.
Order from OTS or SLA \$1.10

I. Volotski, D. V.

63-18077

Trans. of Zhelaznodorozhnyi Transport (USSR) 1963
(v. 45, no. 2) p. 75-76.

DESCRIPTORS: *Railroads, *Soils, *Moistureproofing,
Freezing, Deformation, Inhibition, *Silicon compounds,
Organic compounds, *Silates, Chlorides, Methyl
radicals, Ethyl radicals, Sodium compounds, *Silicates,
*Silicones, Injection.

Organosilicon compounds are being used to inhibit road-
bed from heaving on the Kizan section of the Gorkii
Railroad. Compounds which have proven sufficiently
hydrophobic, hardening, and inexpensive include: ethyl
and methyl chlorosilanes, $C_2H_5SiCl_3$ and CH_3SiCl_3 .
(Engineering.-Chem., TT, v. 16, no. 9) (over)

Office of Technical Services

Container Service on Access Lines, by
M. F. Trikhunov, 7 pp.
RUSSIAN, per, Zheleznodorozhnyi Transport,
Vol XLV, No 2, 1963, pp 83-86.
OTS 63-18792

USSR
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March 64

252,086

RAISING THE EFFICIENCY OF NEW FORMS OF TRACTION,
BY N. A. DROZDOV, 11 PP.

RUSSIAN, PER, ZHELEZNOD TRANSPORT, NO 3, 1963,
PP 3-7.

JPRS 20538

USSR
ECON
AUG 63

238,514

Shulga, V. Ya.
A NEW TYPE OF TRACK UPPER STRUCTURE.
[1963] 6p (3 figs omitted)
Order from OTS or SLA \$1.10

63-20379

63-20379

I. Shulga, V. Ya.

Trans. of Zhelaznikozhnyy Transport (USSR) 1963
[v. 45, no. 3] p. 52-54.

DESCRIPTORS: *Railroad tracks, *Reinforced concrete,
Beams (Structural), Foundations (Structures).

Experiments with reinforced concrete block-based
railroad tracks confirms the expected stability of the
type of track, its protection of the ballast from con-
tamination and a significant drop in requirements both
of labor and materials for track maintenance.

(Engineering--CIVIL, TT, v. 10, no. 12)

Office of Technical Services

RAILROAD TRANSPORT IN THE USSR IN 1962 (A TECHNICAL
ECONOMIC REVIEW), 13 PP.

RUSSIAN, PER, ZHELEZNOD TRANSPORT, NO 3, 1963,
PP 55-56.

JPRS 20538

USSR
ECON
AUG 63

238,515